TID/TAB - 25/63   STATINTL
12 February 1963

MEMORANDUM FOR: Chief, Technical Intelligence Division

THROUGH: Chief, Technical Analysis Branch

SUBJECT: Reply to Letter [   ]   STATINTL

          1.   [   ] I cannot concur with all of the statements   STATINTL
made by [   ] in his letter of 1 February, 1963.
The following is a summary of the condition of the [   ]   STATINTL
equipment as of 2/8/63.   STATINTL

          a.   All X and Y reading heads and gratings were installed,
but in two cases the output signal was not satisfactory [   ]
and I found it necessary to make several adjustments in order to
obtain satisfactory signals from machines one and two. In the absence   STAT
of operational reading head pre-amplifiers for two axis of machine
three, no attempt was made to complete alignment procedures.
                                                                         STATINTL

          b.   One each of the following circuit boards was found not to
operate satisfactorily; Counter Decade # 172/2, Ternary Check # 232/2,
and Output Stage # 263/1. To the best of my knowledge [   ] has
three pre-amplifiers [   ] for repair, and one left here is bad.
This makes a total of four inoperative reading heads, two of which   STAT
are spares.

          c.   In no case was the operation of the printout selector unit
found satisfactory. However, I have made the necessary repairs and
adjustments to unit one, and it is now operating with the associated
[   ] machine.   STATINTL

          2.   Unit two is counting, but the printout is not working. Unit
three, because of major difficulties with the printout and counters is
completely inoperative.

          3.   The missing input card was in the machine when [   ] STATINTL
another [   ] representative worked on it prior to moving to this
building. No cards were touched between that time and the arrival of
[   ] It did not vanish into thin air.   STATINTL
                                                                           STATINTL
          4.   In summary, when [   ] departed one machine was counting

                                                                           STATINTL

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TID/TAB - 25/63
12 February 1963

properly, two were not; none were printing out on typer or tape.
As of this date, due to the efforts of [   ] myself,   STATINTL
two machines count, one does not; one machine prints on typer and
tape, two do not.

SIGNED

[   ]   STATINTL

Enclosure:

STATINTL   [   ] Letter

Distribution:

    Orig & 1 - Addressee
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STATINTL   NPIC/TID/TAB [   ] met

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Washington, D.C.

STATINTL

I should like to summarize the condition of
equipment as it was at the time of departure
from your premises on Wednesday, January 30, 1963.   STATINTL

All X and Y gratings and reading heads were installed and shown
to give a satisfactory signal over their entire length of
travel without producing input or ternary faults.

All ternary check cards in your system are now of standard
design and operate satisfactorily.   All counters reset to
500,000.   It was agreed with [   ]would   STATINTL
be responsible for the retilting if necessary, of the gratings   STATINTL
in their spars to achieve the specification accuracy over the   STATINTL
length of travel.[   ]accept this as their responsibility.   STATINTL
[   ]demonstrated to [   ]the satisfactory opera-
tion of two of the three printout selector units in conjunction
with the[   ]punch; the remaining unit still does not operate   STATINTL
satisfactorily and it is the responsibility[   ]to   STATINTL
make it operative.   In no case was the typewriter unit demon-
strated as part of the system.

[   ]pointed out [   ]that your equipment is   STATINTL
lacking an input card; for installation purposes,[   ]   STATINTL
had provided one of their own, which[   ]took back with   STATINTL
him[   ]also removed for repair, 2   STATINTL
pre-amplifiers and a 266 circuit card from the print out unit.   STATINTL
These units will be repaired and replaced at our expense.   STATINTL

The position is therefore, that we have left you with three
machines all of which count without faulting and two of which
punch satisfactorily.   The third punch out is our responsibility.
The accurate calibration of the machine will be carried out by   STATINTL
[   ]

Continued.......

STATINTL

- 2 -   February 1, 1963

STATINTL

We are at present, discussing [   ] the terms of
a maintenance contract which we will submit jointly [   ]
with the intention of ensuring that you will be provided with
continuous and satisfactory maintenance of your equipment.

STATINTL

The initial approach to you concerning this maintenance
contract will be [   ] responsbility.   STATINTL

I should like to take this opportunity of wishing you the
very best of success with your machines. Perhaps, I may
meet you again somewhere.

Regards

STATINTL

IH:mc